

PROJECT REPORT
ON
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A
PROJECT REPORT
ON
“MILKY-WILKY MANAGEMENT SYSTEM”
SUBMITTED BY –

UNDER THE GUIDENCE OF
Prof:-Sherya Mam

PUNE UNIVERSITY, PUNE
YEAR 2016-2017

Project Guide
(BCA)

H.O.D

Principal

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Full name of the student

Khilari Asmita Kisan

Kale Shashikala Bhagavan

DECLARATION

I, **Kale Shashikala Bhagwan ,Khilari Asmita Kisan** hereby declare that this project work entitled **Dairy Management System** submitted at Annasaheb Awate, Arts Commerce and Science College , Manchar, (Affiliated to Savitribai Phule Pune University) is a record of original work done by me under the supervision and guidance of **Prof.Jadhav sir**, Department of Computer Application.

Signature

Counter Signed by:

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Introduction

In this project first appear main window which contain name of the system and one button clicking on which can go to login software. After entering the correct user name and password we finally go to the system.

In the first contain main menu screen which the various menus which are very useful to gives to the input system for many transaction. In that there are four master Files as,

1. Master
2. Transaction
3. Billing
4. Help

The master file Master menu contain the information are Milk supplier information, transaction information, Dairy information.

The second Master file Transaction menu contains the information of the supplier milk purchase, dairy milk purchase & the vehicle collection.

The third master file billing menu contains the information about supplier, dairy transaction billing.

Introduction to system:

Milk is essential for human being. Milk is used normally in food every day. Buffalo naturally produces milk and cow.

Milk contain following main components, which are very useful for our health.

1. Water.
2. Lactose.
3. Fats.
4. Casein.
5. Albumin & Globulin.

6. Carbohydrates & Minerals.

7. A, B & D vitamins.

Fat:

Quality of milk is depend upon fats. fat is very important in dairy. According to the fat of the milk rate can be decided. Some quantity of milk is taken separately for fat testing in electronic machine. Then checked the fats. Normal fats testing in electronic machine. Then checked the fat normal fats of cow & buffalos are 3.5 to 5 to 10 respectively.

Objective of system

- The main objective of the system is to provide the operator with the user friendly interface.
- The system aim is to increase the speed of execution.
- Saving time.
- To provide right information in the minimum time.

- Decrease in the uncertainty i.e. reduction of the right information.

Scope of the system

User-Friendly System:

The system is designed in such a way that it gives proper errors & messages whenever the user is violated any rules of system. Proper help is also provided necessary.

Speedy Operation:

The proposed system being computerized it enable to carry out operation at incredibly high, within seconds. One can acquire a lot of information, which would otherwise require going through a lot of papers in corresponding system.

Accuracy:

Computers are well known for their accuracy. It helps in a lot of calculation at high speed with minimum possibility of an error occurring.

Reliability:

Computers are highly reliable. They do not generally make mistakes till the user enters any wrong information. This helps in maintaining accuracy, in any of the operation carried out.

Efficiency:

Use of computer in this system the overall efficiency of the system. All the operations are performed efficiently & within seconds.

Need of Computerization

The current system has lot of limitations. so this need arise due to following objectives

- a) To provide right information in minimum time.
- b) Reduction of the wrong information.

This system is used in any dairy. They can save all the details information of milk purchase, total amount of milk in litter. It can save all the details means which type of vehicle is used.

So the computerization of the system is very useful

Goals of the system

Flexibility -

The application is flexible enough to changes.

Portability-

The application has the ability to run on different hardware platform and some environments.

Reusability-

The application can be modified to build another product.

Interoperability-

It has ability to coexist and co-operate with other system.

Proposed System

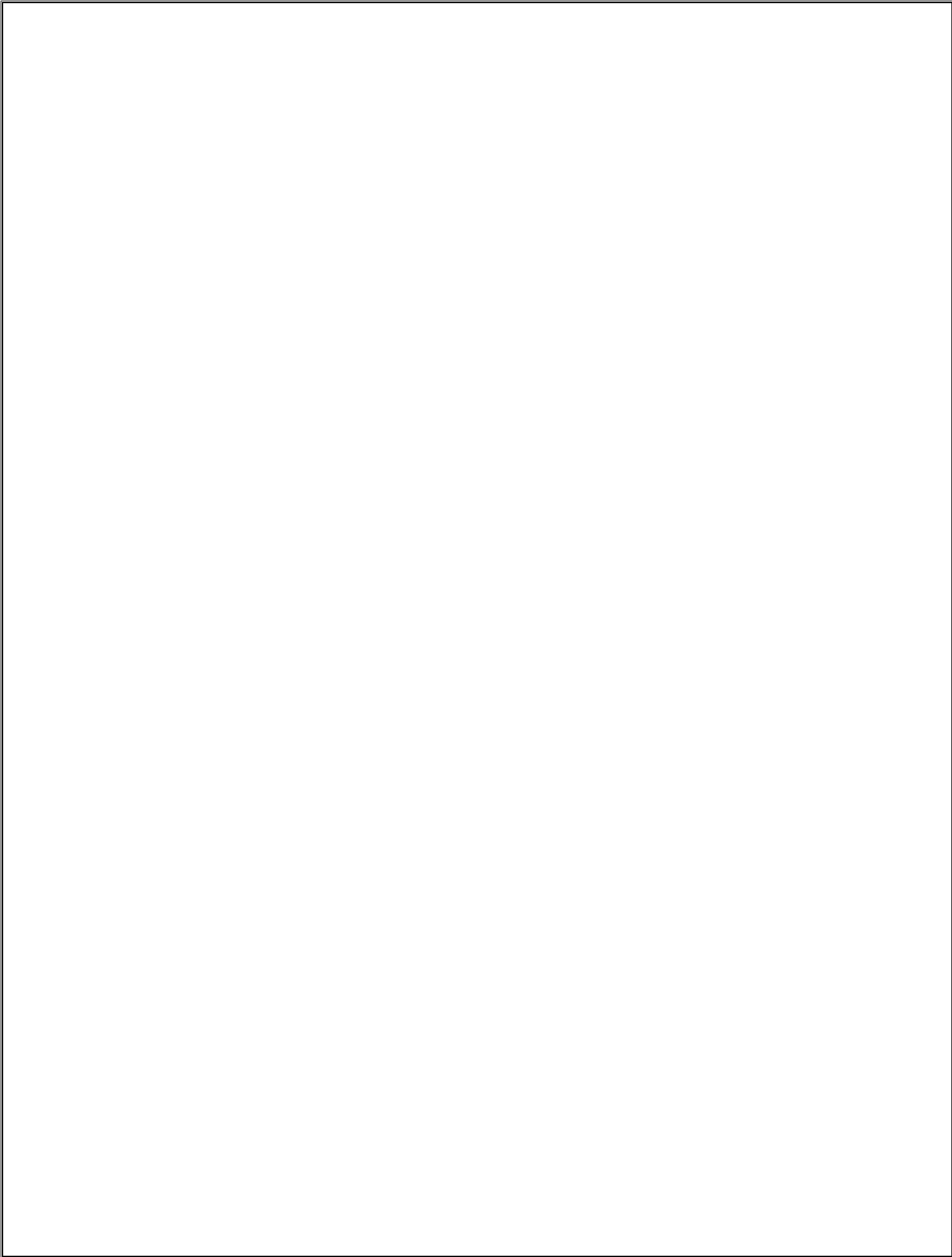
Existing System:

In the existing system the work is done manually. All the reports generated are also maintained manually which is a major drawback of the system it is very difficult and tedious to maintain consistency between such scattered data. Another problem is to put this information in an appropriate form in front of the management.

Hence computerization is only alternative to solve this problem. With the use of database software, data can be managed more efficiently.

Proposed System:

Proposed system is a computerized system in this system data are stored in the database software, data can be managed efficiently. Processing of queries also becomes easier. With a computerized system we can provide a friendly I/P screen and generate reports on various transactions. In this system store the records of milk collection, customer information, payment, food supply. The system is user friendly. In the system calculation is done easily. Error is less.



Analysis

ANALYSIS

FEASIBILITY STUDY

The feasibility of the system can be examined under heads viz. Technical feasibility, Economical feasibility & Operational feasibility.

1) Technical Feasibility:-

Technical feasibility plays an important role in feasibility study. The study reveals all the technical aspects & its corresponding results.

2) Economical feasibility:-

Economical feasibility is one of the most important aspects to be considered. This study reveals all the benefits & drawbacks in implementation of system. The total cost incurred for the development & implementation will be least as computer.

3) Operational Feasibility:-

Operational feasibility is the important part of feasibility study. We consider the capabilities of end user that how can easily handle the computer. In our projects as JAVA used which is **GUI**, due to which user can easily, handled it.

HARDWARE & SOFTWARE

REQUIREMENT:-

Hardware Requirement:-

Processor : Intel core i3-370M Processor.

Monitor : Color Monitor

HDD : 80 GB.

RAM : 1GB RAM.

Printer : HP.

Software requirement:-

Operating system: Windows 7.
Jdk1.6
Microsoft ACCESS.

SystemDesign

E-R DIAGRAM

Symbol Used In E-R Diagram:-

The E-R model uses few basic concepts in producing an E-R diagram.

These concepts are:-

- 1) Entity
- 2) Relationship
- 3) Attribute

1) Entity:

An entity is an object or anything, which is distinguishable from objects.

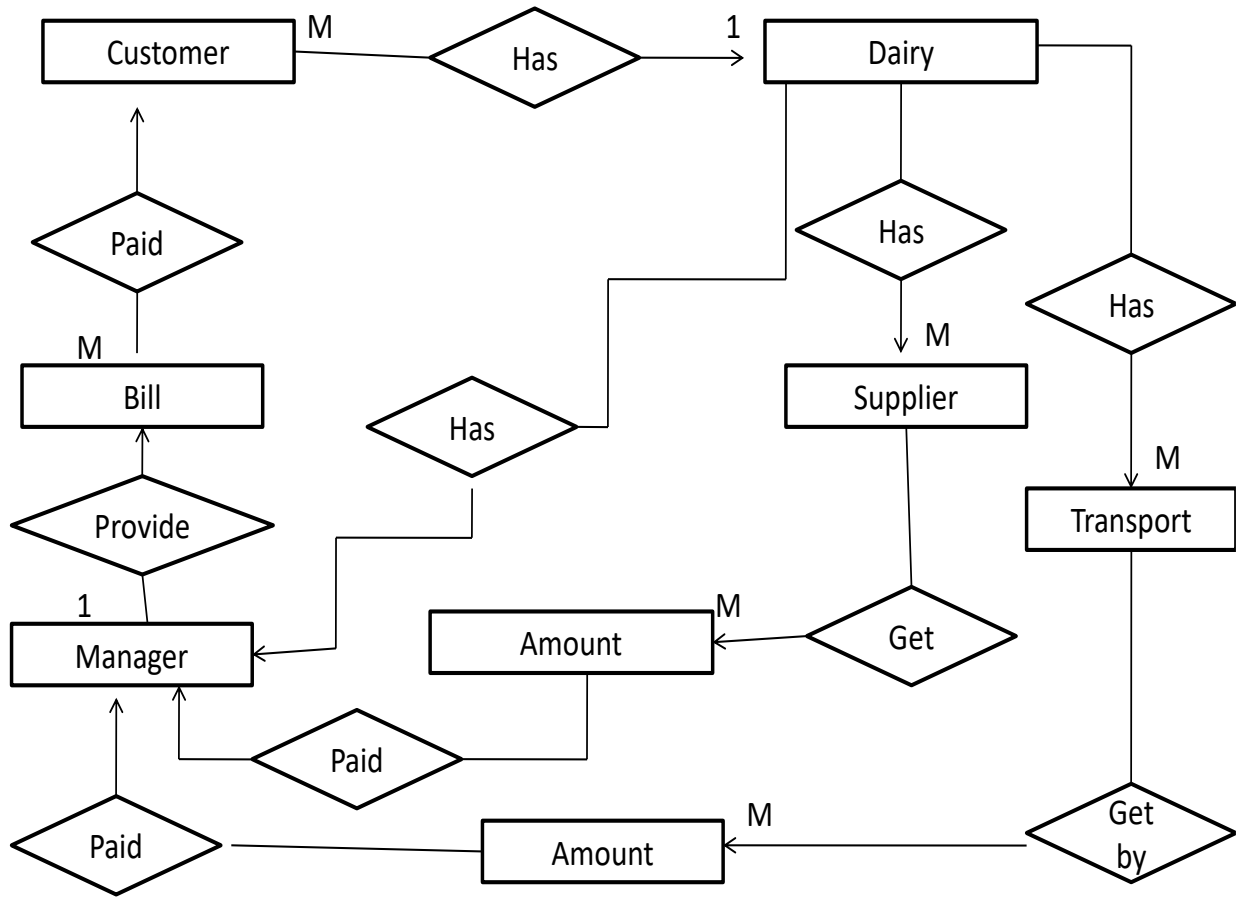
2) Relationship:-

A relationship is meaningful association, a linking or connection between entities.

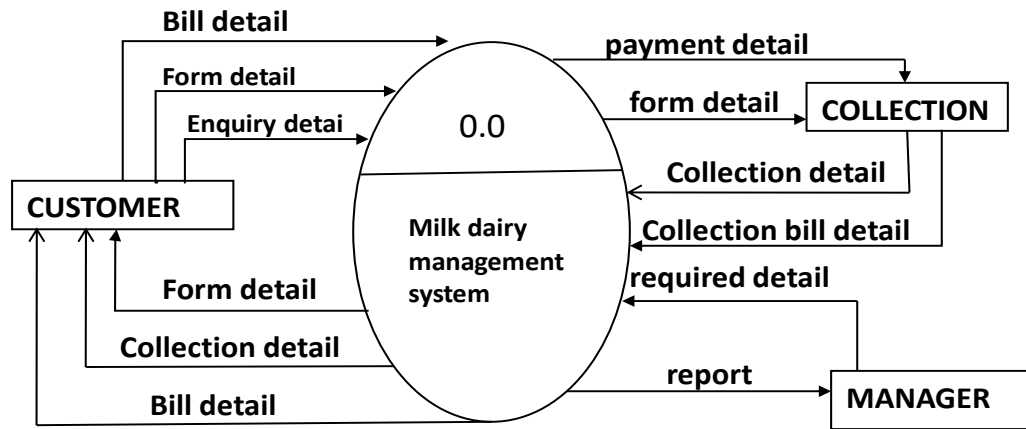
3) Attribute:-

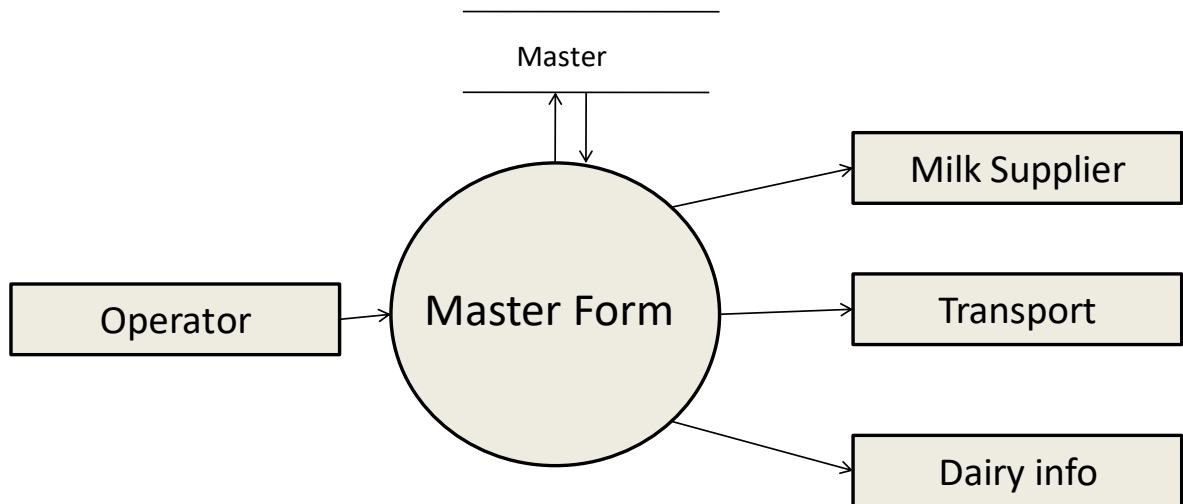
An attribute is any aspect quality or description of either an entity or relationship.

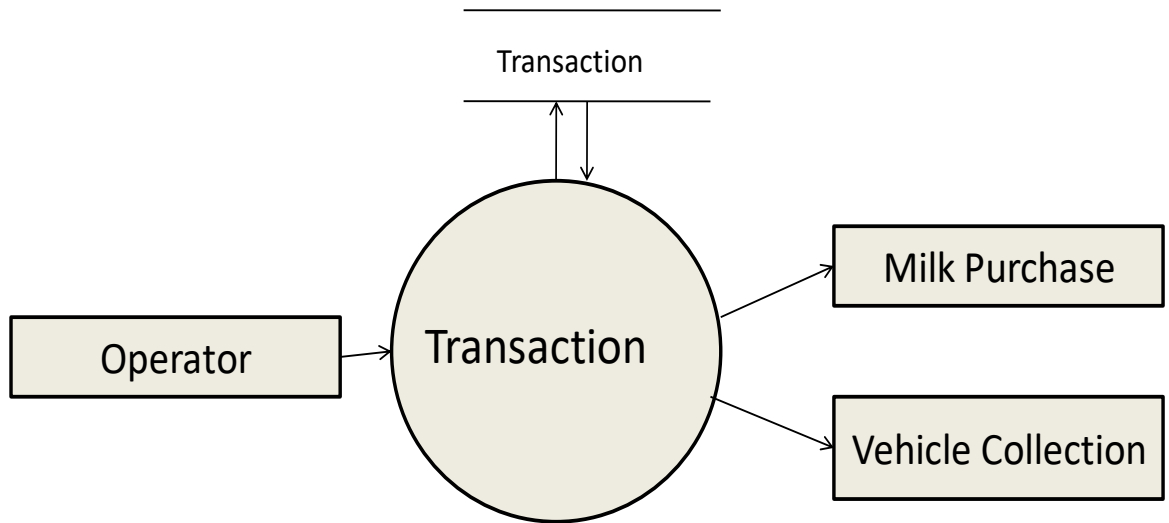
E-R diagram

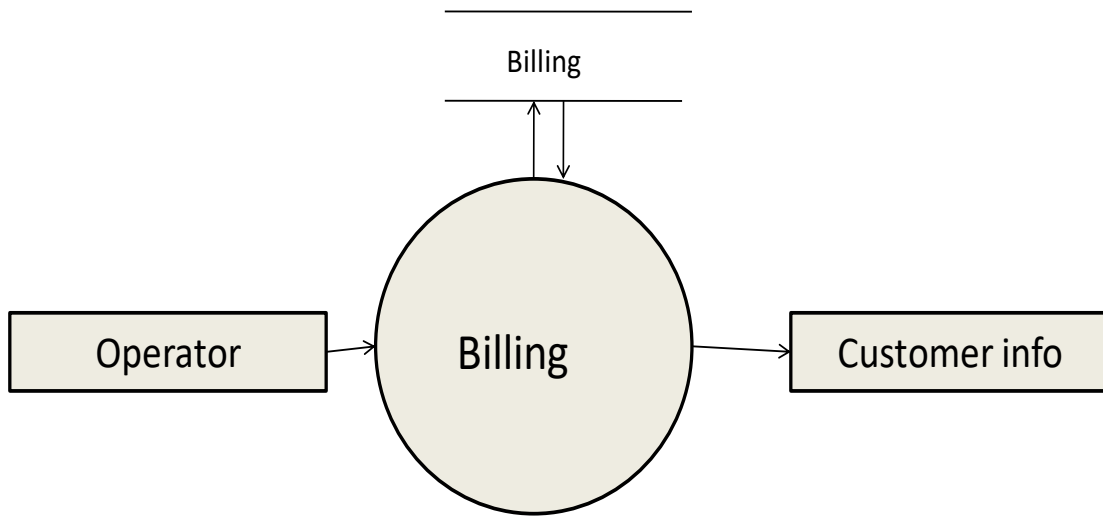


DFD Diagram









Data Dictionary

Srno	Fieldname	Datatype	Description
1	username	text	username
2	password	text	password

Customer Table

Field name	Data type	Description
cust no	Number	Customer no
cust name	Text	Customer name
Date	Text	date
Milk type	Text	milk type
Liter	Text	liter
Fat	Text	fat
Degree	Text	degree
Rate	Text	rate
total amt	Text	Total amount

Dairy Table

Field name	Data type	Description
dairy no	Text	dairy number
dairy name	Text	dairy name
Add	Text	address
Tal	Text	tal
Dist	Text	dist
Phno	Text	Phone number

Supplier Table

Field name	Data type	Description
Suppid	Text	Supplier id
Suppname	Text	Supplier name
Suppadd	Text	Supplier address
City	Text	city
Contactno	Text	Contact number

Transport Table

Field name	Data type	Description
Vehicleid	Text	Vehicle id
Vehiclename	Text	Vehicle name
Vehicletype	Text	Vehicle type
Vehiclenu	Text	Vehicle number

 Dairy Mgt System

*****Login*****

Enter name:

asmi

Enter password:

Login

Cancel

Login user



LOGIN SUCCESSFULL

OK

MDI Form



Supplier Information Form

Supplier Information Form



The screenshot shows a web application window titled "Inventory Management System (Poc) - Supplier". The window has a menu bar with "Home", "Dashboard", "Billing", "Report", "About", and "Exit". Below the menu bar is a sidebar with "Add Supplier" (active), "Update Supplier", and "Delete Supplier". The main content area displays a form for adding a new supplier. The form fields are:

Supplier ID:-	1
Supplier Name:-	shaahi
Supplier Add:-	manchar
Supplier City:-	pune
Supplier Contact	9788878878

Below the form fields are six buttons: "Save", "Delete", "Reset", "Update", "Search", and "Close". The window's status bar at the bottom shows the date and time as "12/27/2024 12:27 PM".

Transport Information Form

Transport Information Form



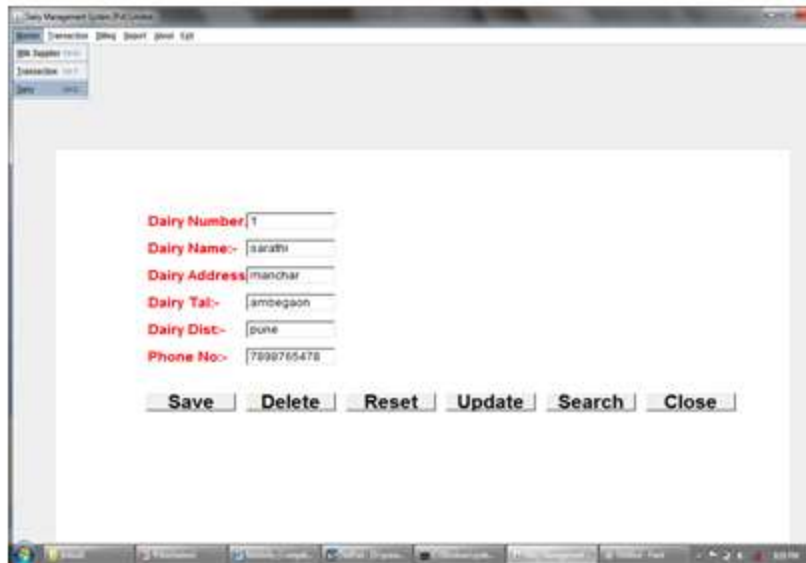
The screenshot shows a web application window titled "Dairy Management System (DMS) [localhost]". The window has a sidebar with a tree view containing "Home", "Transaction", "Dairy", "Breed", "Stock", "DMS", and "Help". The "Transaction" menu is expanded, showing "Add Transaction", "Transaction List", and "Data". The "Data" option is selected, displaying a form for entering transport information. The form contains four input fields: "Vehicle Id:-" with the value "1", "Vehicle Name:-" with the value "passion", "Vehicle Type:-" with the value "two wheeler", and "No of Vehicle:-" with the value "10". Below the form are six buttons: "Save", "Delete", "Reset", "Update", "Search", and "Close". The Windows taskbar at the bottom shows the Start button, taskbar buttons for "DMS", "DMS (localhost)", "DMS (localhost)", "DMS (localhost)", "DMS (localhost)", and "DMS (localhost)", and a system tray with a clock showing 11:11 AM.

Vehicle Id:-	1
Vehicle Name:-	passion
Vehicle Type:-	two wheeler
No of Vehicle:-	10

Save Delete Reset Update Search Close

Dairy Information Form

Dairy Information Form



The screenshot shows a web browser window titled "Dairy Management System (PHP Login)". The browser's address bar shows "http://localhost:8080/dms/index.php". The page has a sidebar menu on the left with links: "Home", "Dairy Information", "Dairy", "Dairy List", "Dairy Add", and "Dairy Edit". The main content area displays a form titled "Dairy Information Form". The form fields are as follows:

Field Label	Value
Dairy Number	1
Dairy Name	sarathi
Dairy Address	manchar
Dairy Tal	ambegaon
Dairy Dist	pune
Phone No	7899765478

Below the form fields are six buttons: "Save", "Delete", "Reset", "Update", "Search", and "Close".

Customer Information Form

Dairy Management System [Pvt] Limited.

Master Transaction Billing Report About Exit

Customer no:- 10

Cust name:- amruta

Date:- 06 April 2017

Milk Type:- goat

liter:- 10

FAT:- 4

Degree:- 24

Rate:- 30

Total Amount:- 6000

Save Delete Reset Update Search Close

Customer Report

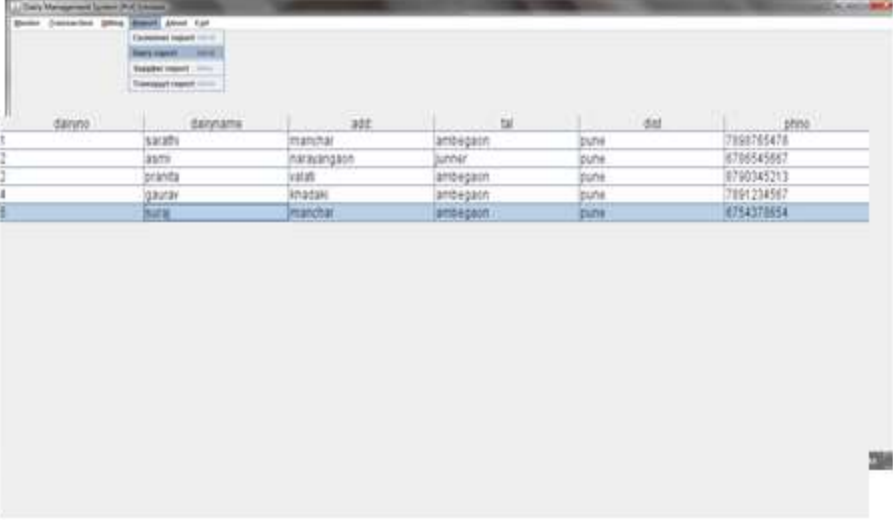
Dairy Management System (Pvt) Limited.

Master Transaction Billing Report About Exit

custno	custname	Date	Milk type	liter	fat	degree	rate	totalamt
1	prasad	15 February 2011	Cow	2	8	10	18	36
10	amruta	06 April 2017	goat	10	4	24	30	6000
2	nikhil	15 February 2011	Cow	5	9	10	18	90
3	sharuk	15 February 2011	Buffalo	1	10	10	15	15
4	Rahul	15 February 2011	Buffalo	3	10	10	15	45
5	Mkumar	15 February 2011	Cow	4	8	5	10	40
6	asme	01 April 2017	cow	10	5	25	40	500
7	shashi	06 April 2017	buffalo	40	5	24	20	1500
8	panu	06 April 2017	cow	60	5	20	32	5900

Dairy Report

Dairy Report



dairyid	dairyname	add	tal	dist	pincode	phone
1	sarathi	manchar	amregaon	pune	7868165478	
2	asmo	marangan	junner	pune	8786545667	
3	pranika	valah	amregaon	pune	8790345213	
4	gaurav	khodaki	amregaon	pune	7861234567	
5	hulsi	manchar	amregaon	pune	8754378654	

Supplier Report

Supplier Report

Daily Management System (Pilot) Limited				
Supplier	Transaction	Rating	Supplier	Rating
Customer report (1/1/1)				
Daily report (1/1/1)				
Supplier report (1/1/1)				
Transaction report (1/1/1)				
Supplier	SupplierName	Supplier	City	ContactNo
1	Sharma	Sharma	Jaipur	978876670
2	Sharma	Sharma	Jaipur	768784907
3	Sharma	Sharma	Jaipur	9009670007
4	Sharma	Sharma	Jaipur	7665788654

Transaction Report

vehicleid	vehiclename	vehicletype:	vehiclenu
1	suzuki	four wheeler	5
1	pashion	two wheeler	10
2	hero honda	two wheeler	2
3	shine	two wheeler	10

Exit MDI Form

- a. Anyone can make the system to crash no protection to system file.
- b. The security system is not much secure.
- c. The GUI of the system is not attractive.
- d. The color combination is not related ITH system.

Future Enhancement

- The possible enhancements are:
- The system can be extended to include further Dairy activities like Performance of Customer.
- The organization has various other Dairy related applications built to automate its various tasks. All these applications can be merged into a single complete Milk Dairy Management System.
- The system being a client – server application can be made to use Secure Socket Layer protocols for enhanced security.

CONCLUSION

Working on the project was a good experience. Working together in a term helped us to communicate better. We understand the importance of planning and designing as a part of software development.

The concept of peer-reviews helped to rectify the problem as and when they occurred and also helped to get valuable suggestion that were incorporated by us.

Developing the project has helped us to gain some experience on real-time development procedures.

BIBLIOGRAPHY

The following books and reference material was used in the creation of
“Dairy Mngt System”

Books:

1. COMPLETE REFFERENCE IN JAVA2.
2. CORE JAVA (TYBCA)
3. ADVANCED JAVA (TYBCA)
4. RDBMS

Site:

1. www.sun.com
2. www.google.com
3. www.roseindia.net